

1/16

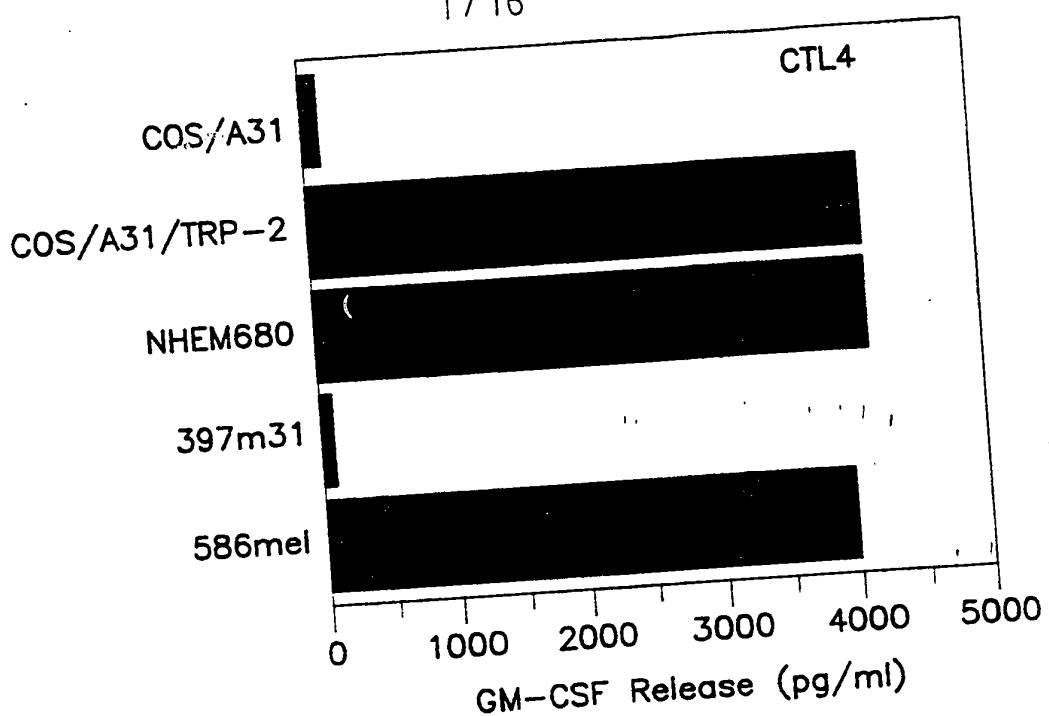


FIG. IA

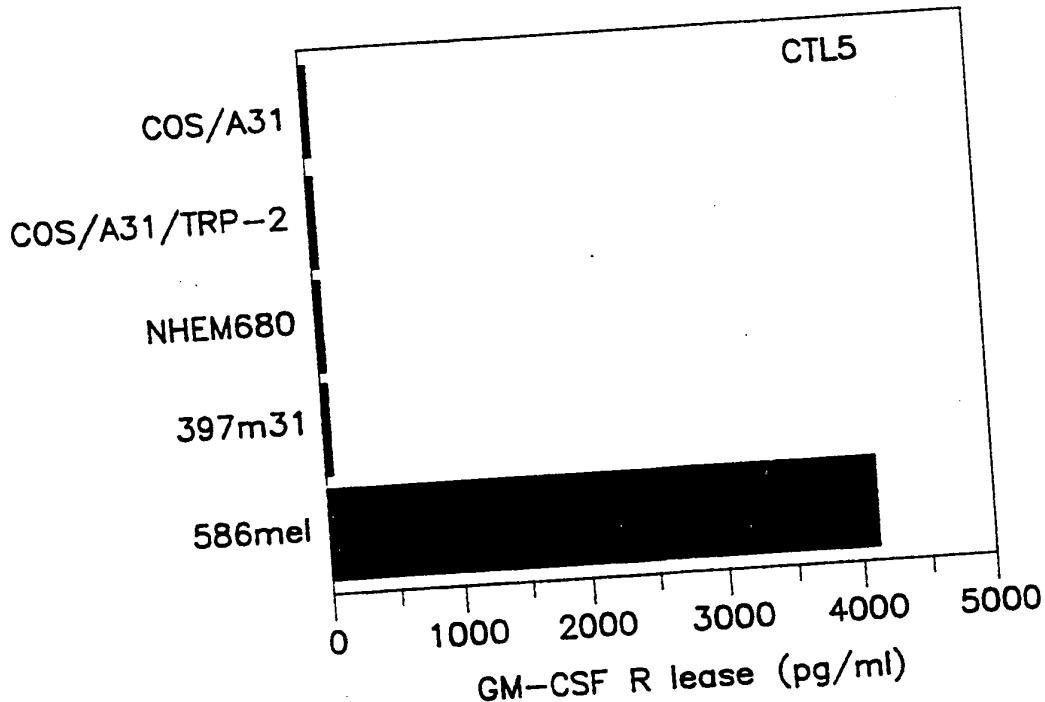
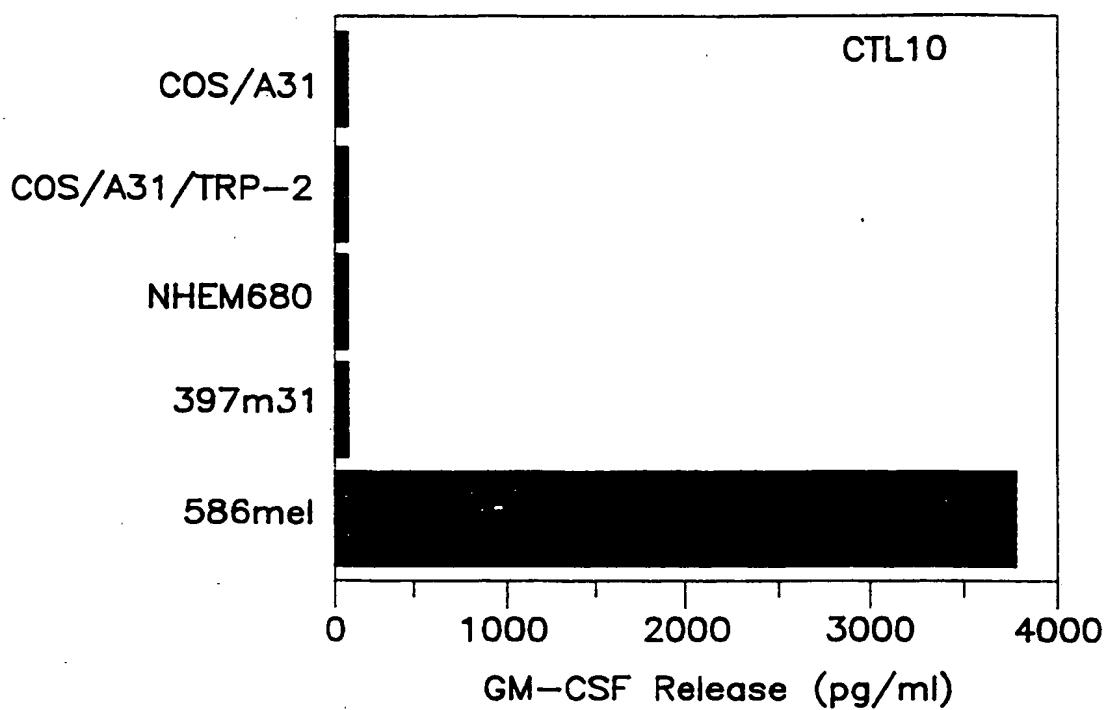
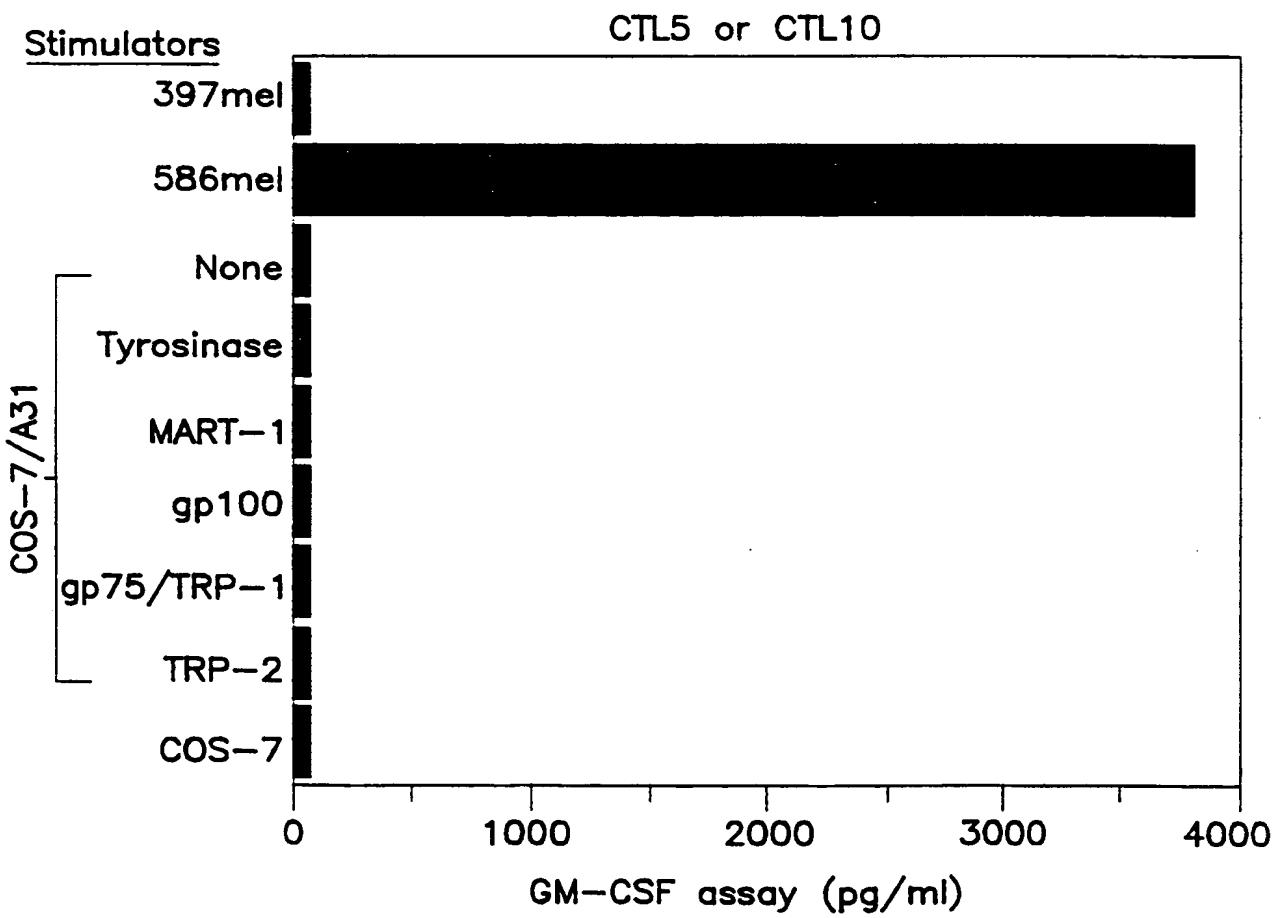


FIG. IB

2 / 16

**FIG. 1C****FIG. 2**

SUBSTITUTE SHEET (rule 26)

09/529206

PCT/US98/19609

WO 99/18206

3 / 16

SEQ ID NO:1 AGCAGGGGGCGCTGTGTACCGAGAATACGAGAATACCTCGTGGGCCCTGACCTT

SEQ ID NO:2

CTCTCTGAGAGGCCGGCAGAGGCTCCGGAGCCATGCAGGCCGAAGGCCGGGCACA

(SEQ ID NO:4) ORF1▶ M Q A E G R G T
SEQ ID NO:3

GGGGGTTCGACGGGCGATGCTGATGGCCCAGGAGGCCCTGGCATTCTGATGGCCC

ORF1▶ G G S T G D A D G P G G P G I P D G P

(SEQ ID NO:5) ORF2▶ M L M A Q E A L A F L M A

AGGGGGCAATGCTGGCGGCCAGGAGAGGCCGGTGCCACGGCGGCAGAGGTCCCC

ORF1▶ G G N A G G P G E A G A T G G R G P

ORF2▶ Q G A M L A A Q E R R V P R A A E V P

GGGGCGCAGGGCAGCAAGGGCTCGGGGCCGGAGGAGGCCGGCGGGTCCG

ORF1▶ R G A G A A R A S G P G G G A P R G P

ORF2▶ G A Q G Q Q G P R G R E E A P R G V R

CATGGCGCGCGCTTCAGGGCTGAATGGATGCTGCAGATGCAGGGCCAGGGGCC

ORF1▶ H G G A A S G L N G C C R C G A R G P

ORF2▶ M A A R L Q G

FIG. 3A-1

09/529206

PCT/US98/19609

WO 99/18206

4 / 16

GGAGAGCCGCCTGCTTGAGTTCTACCTCGCCATGCCTTCGCGACACCCATGGAAG

ORF1▶ E S R L L E F Y L A M P F A T P M E
CAGAGCTGGCCCGCAGGAGCCTGGCCCAGGATGCCACCGCTTCCGTGCCAGGG

ORF1▶ A E L A R R S L A Q D A P P L P V P G
GTGCTTCTGAAGGAGTTCACTGTGTCCGGAACATACTGACTATCCGACTCACTGC

ORF1▶ V L L K E F T V S G N I L T I R L T A
TGCAGACCACCGCCAAGCAGCTCTCCATCAGCTCCTGTCTCCAGCAGCTTCCC

ORF1▶ A D H R Q L Q L S I S S S C L Q Q L S
TGTTGATGTGGATCACGCAGTGCTTCTGCCGTGTTTGGCTAGCCTCCCTCA

ORF1▶ L M W I T Q C F L P V F L A Q P P S
GGGCAGAGCGCTAAGCCCAGCCTGGCGCCCTCCTAGGTATGCCCTCCCTCA

ORF1▶ G Q R R
AGGAATGGTCCCAGCACGAGTGGCCAGTCATTGTGGGGCCTGATTGTTGTCG
CTGGAGGAGGACGGCTTACATGTTGTTCTGTAGAAAATAAAACTGAGCTACGAA
AAAAAAAAAAAAAAAAAAAAAA

FIG. 3A-2

5 / 16

SEQ ID NO: 60	ENTF E. coli	894	QAAATGGDARQLVGYLVSQSGL-PLDTSAL--QAQLRETLPAPHMVPVVLLQ	941
SEQ ID NO: 57			+ A G ++R L YL	P++ + L + PP VP VLL+
SEQ ID NO: 55	ESO-ORF1	77	RCGARGPESRLLEFYLM-PFATPMEAELA--RRSLAQDAPPLPVPGVLLKEFTVSGNITLTIRL	137
SEQ ID NO: 58			+ G GP + LLEF L M P+ T + LA	R SLA A LP+ +L E ++ G + +L
SEQ ID NO: 61	TEGU HSV11	604	OAGVAGPAAALLEFTLNMLPWKTAVGDFLASTRLSLADVA AHLPLVQHVLDENS LIGRIALAKL	667
SEQ ID NO: 56	ESO-ORF2	1	MLMAQEALAFLMAQGAMLAQERRV	25
SEQ ID NO: 59			M EAL FLN Q M+ A + V	
SEQ ID NO: 62	GDH C. symb	348	MPTTNEALRFLMQQPNMVVAPSKAV	372

FIG. 3B

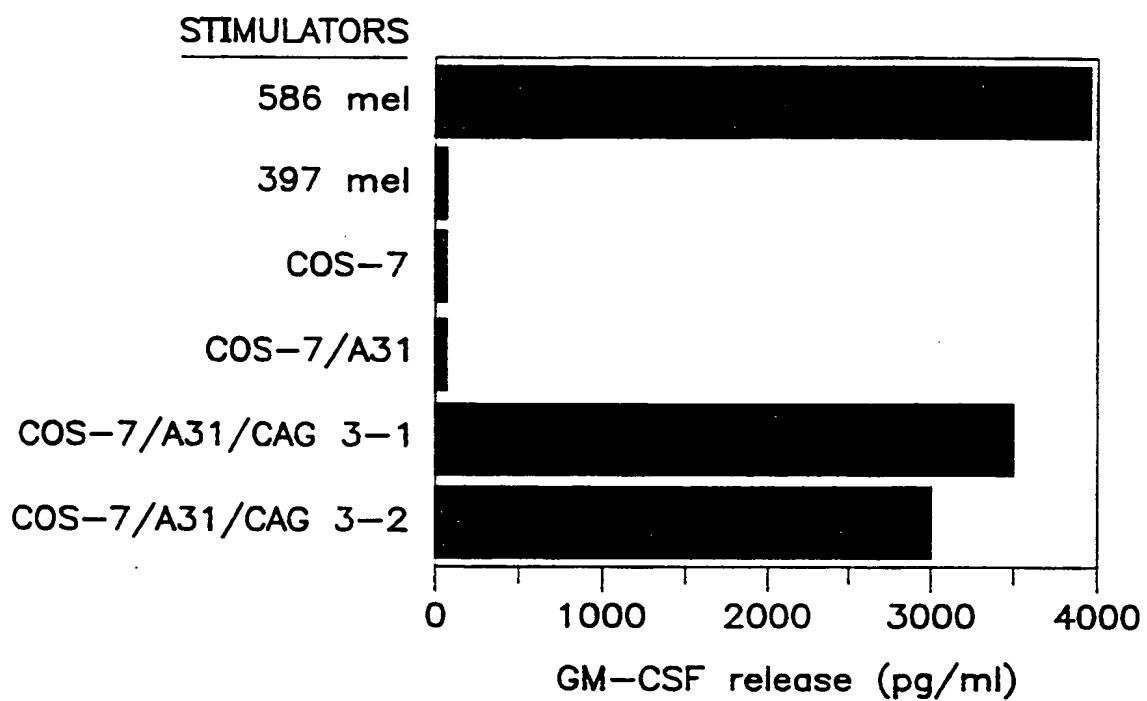


FIG. 4

7 / 16

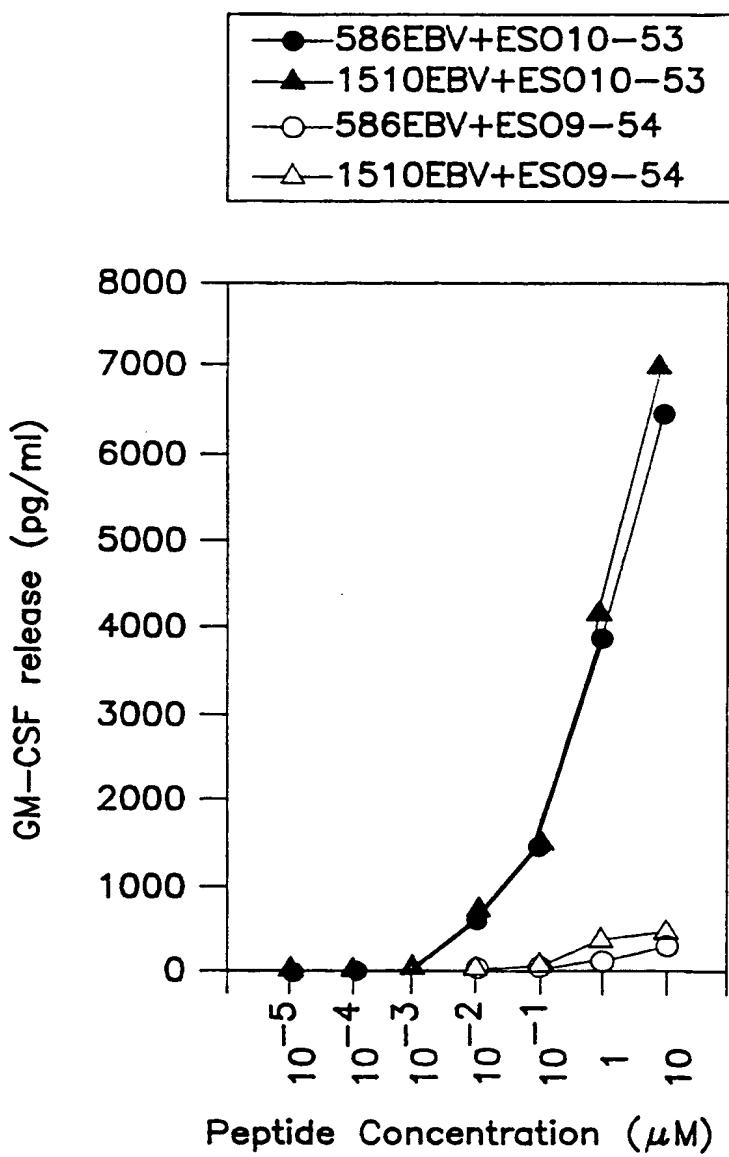


FIG. 5A

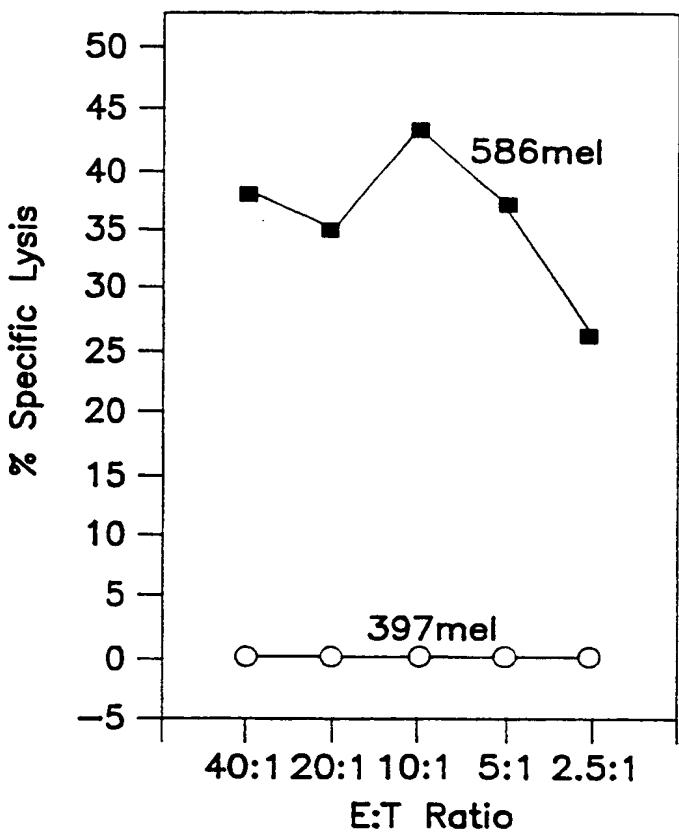


FIG. 5B

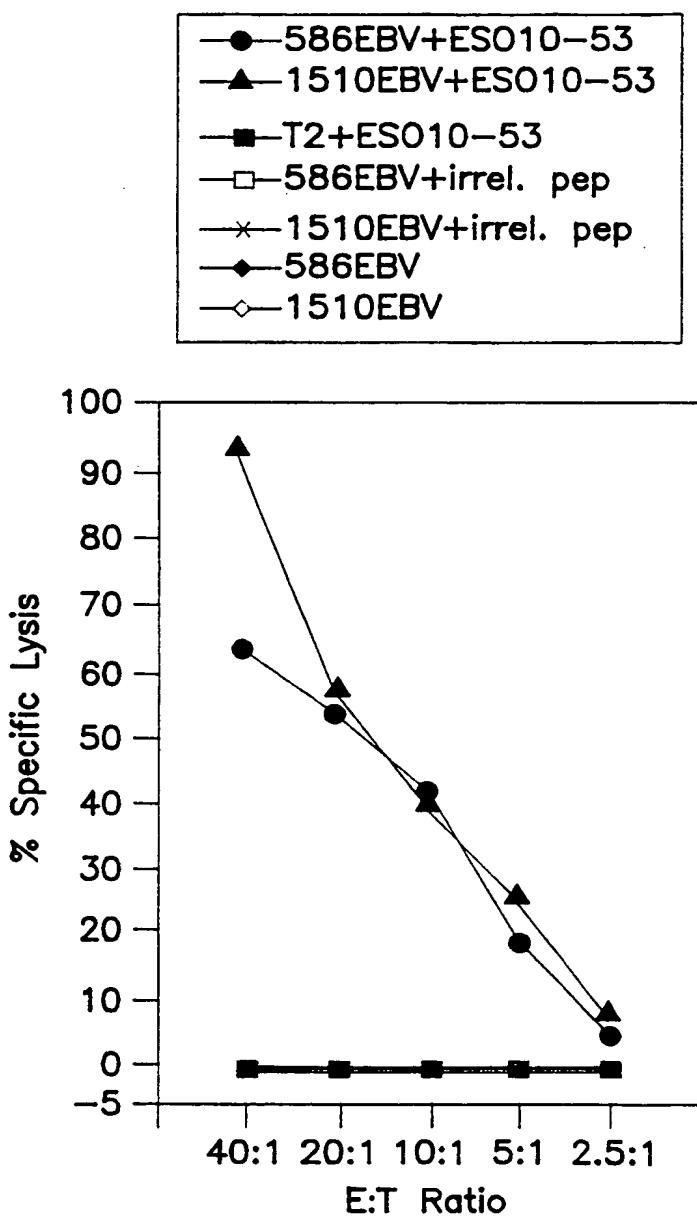


FIG. 5C

09/529206

PCT/US98/19609

WO 99/18206

10 / 16

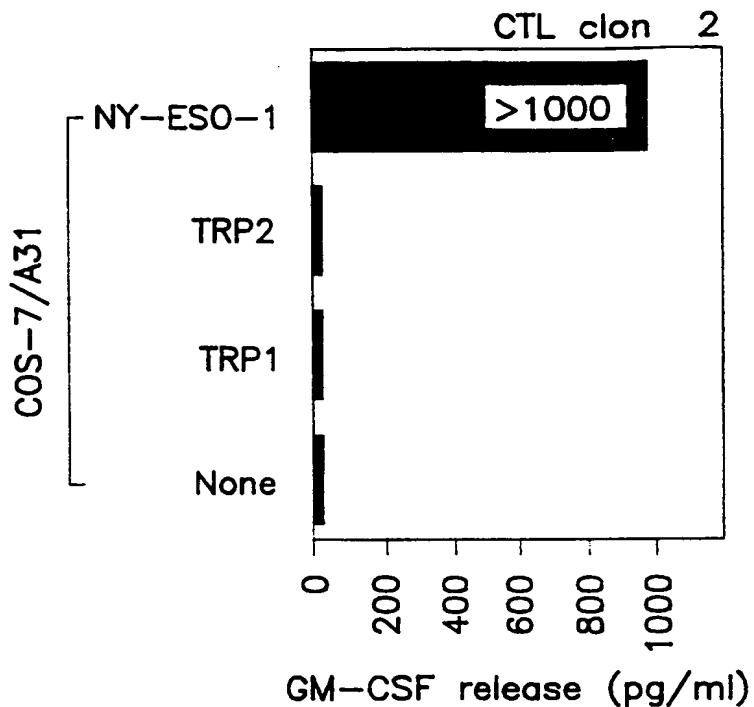


FIG. 6A

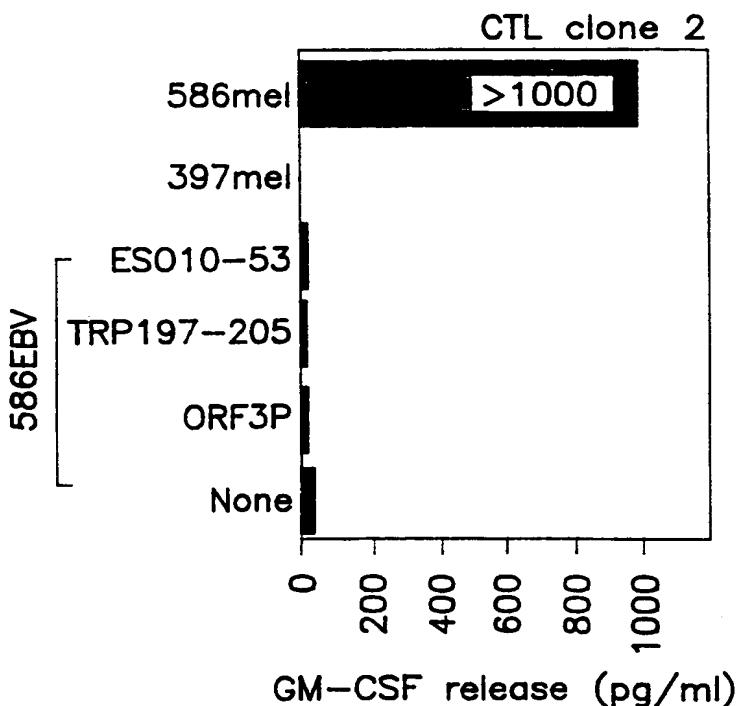


FIG. 6B

SUBSTITUTE SHEET (rule 26)

11 / 16

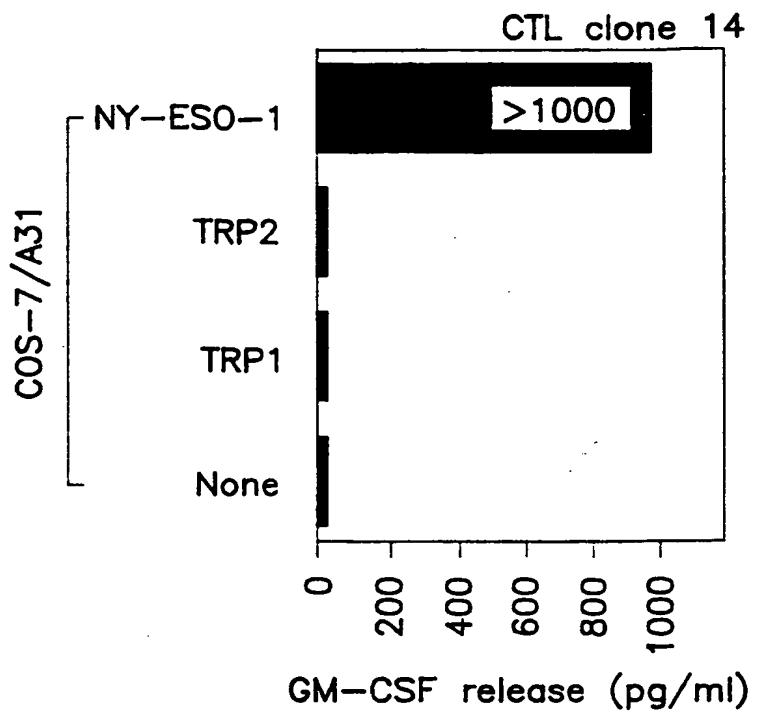


FIG. 6C

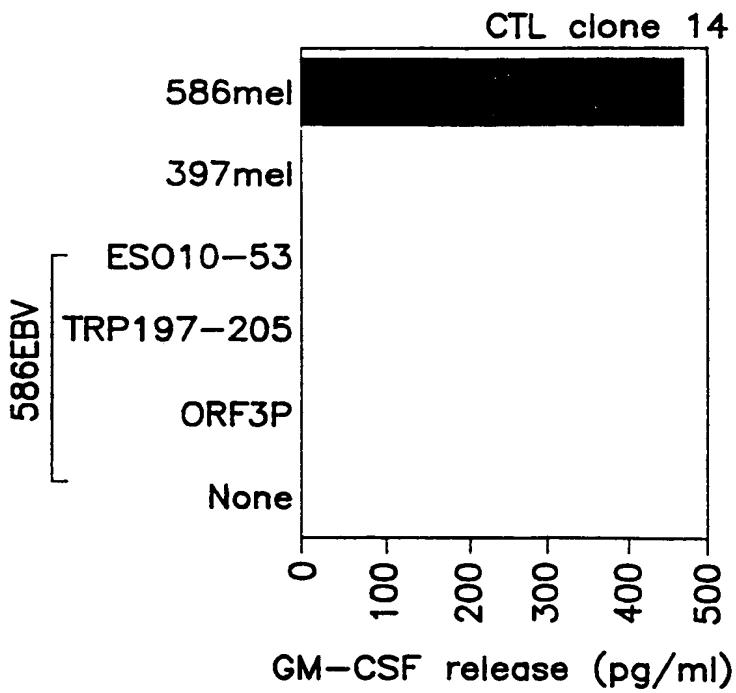
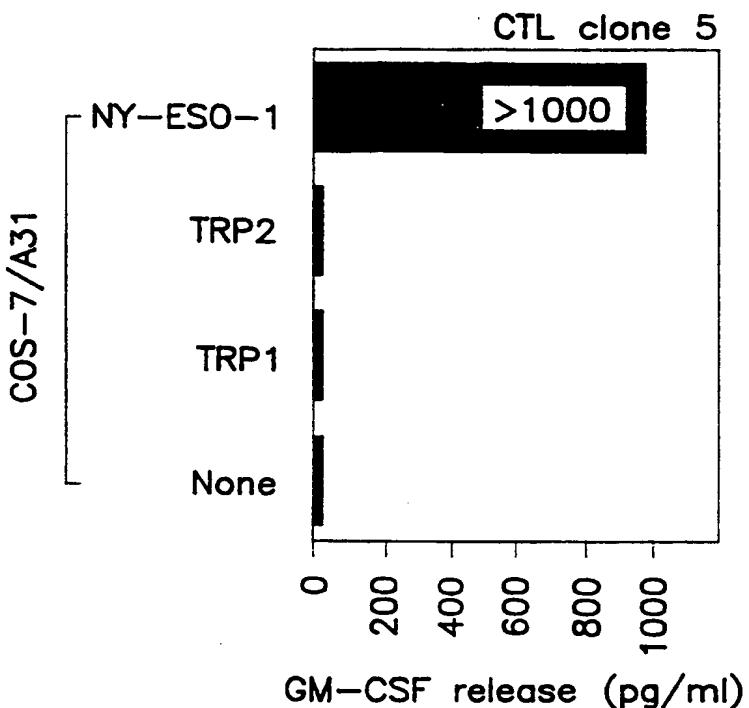
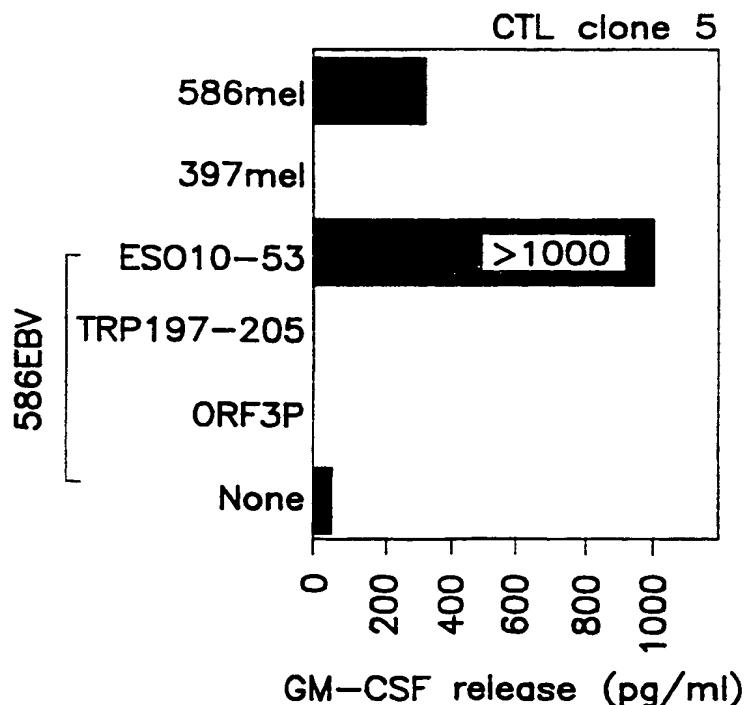
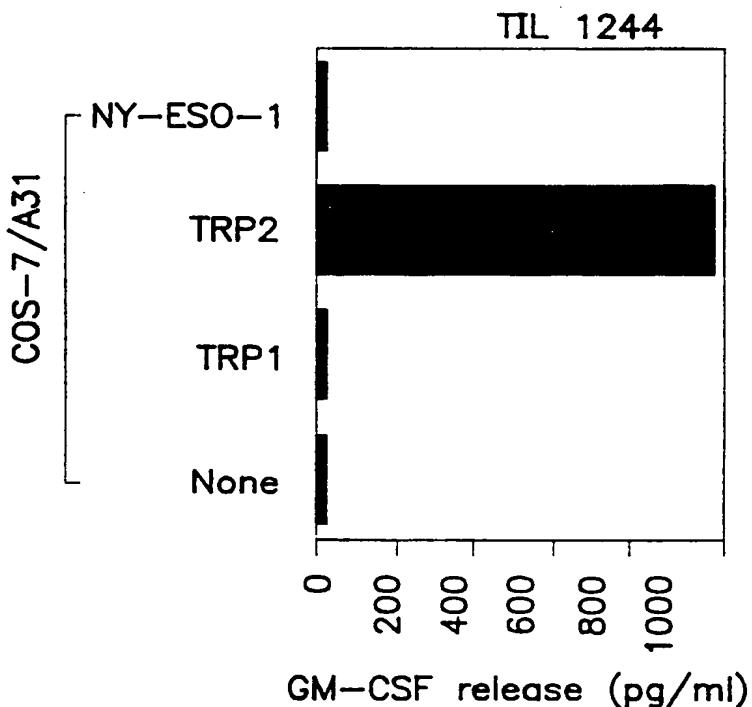
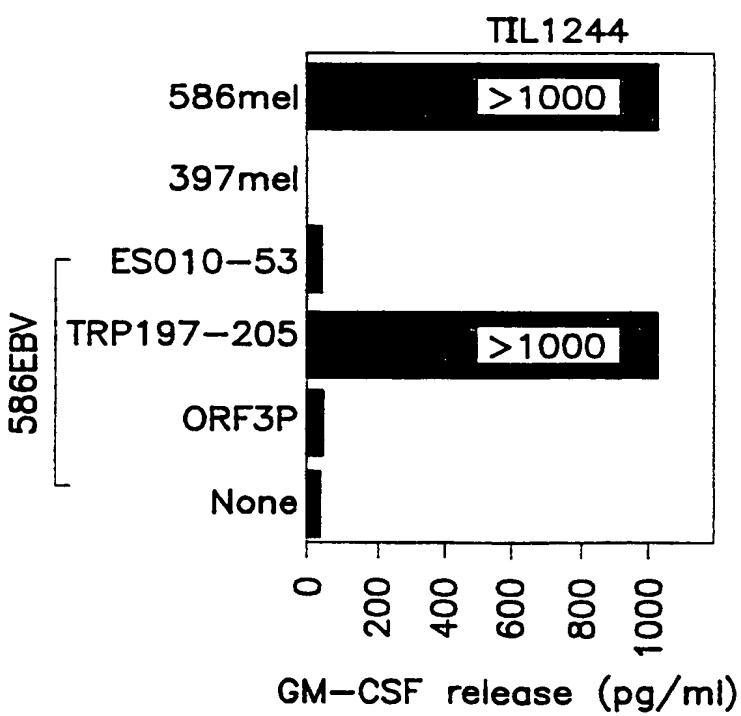


FIG. 6D

12 / 16

**FIG. 6E****FIG. 6F**

13 / 16

**FIG. 6G****FIG. 6H**

14 / 16

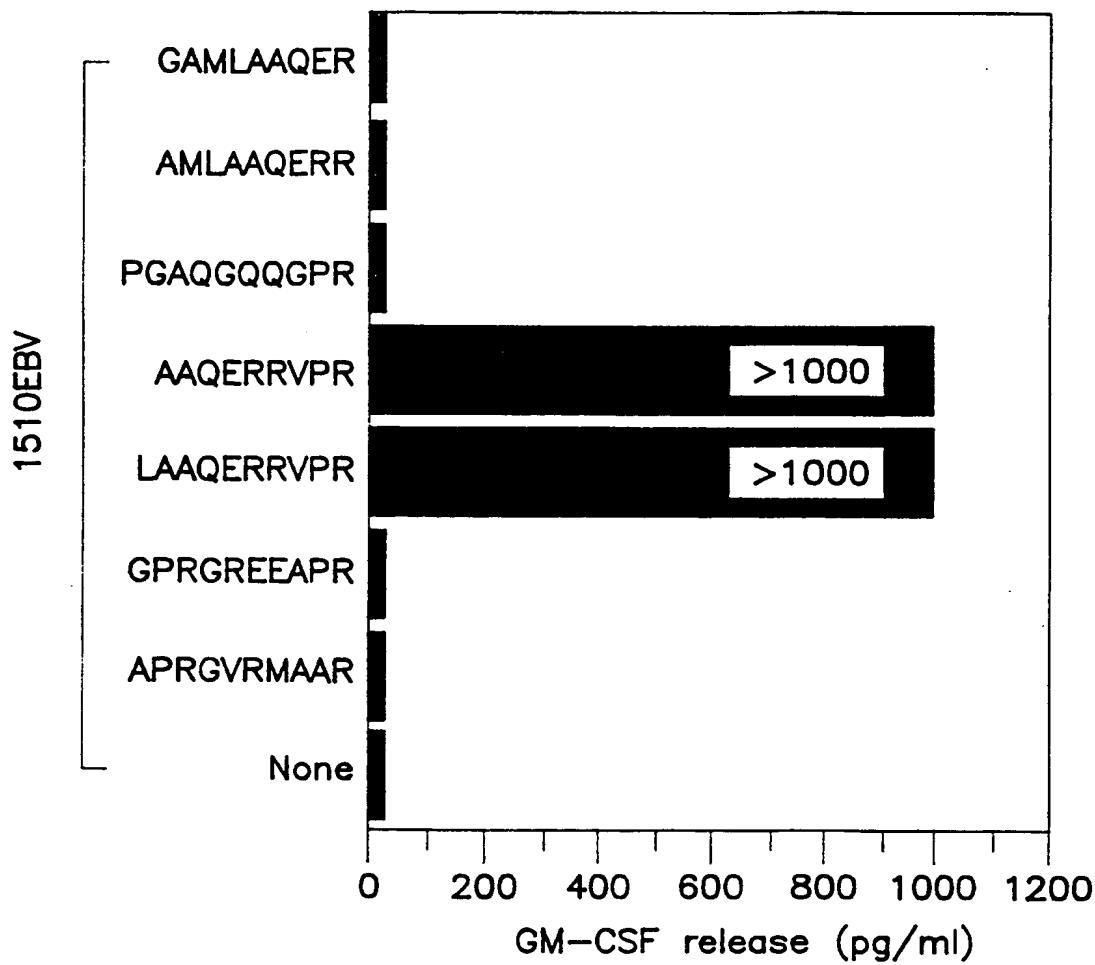


FIG. 7A

15 / 16

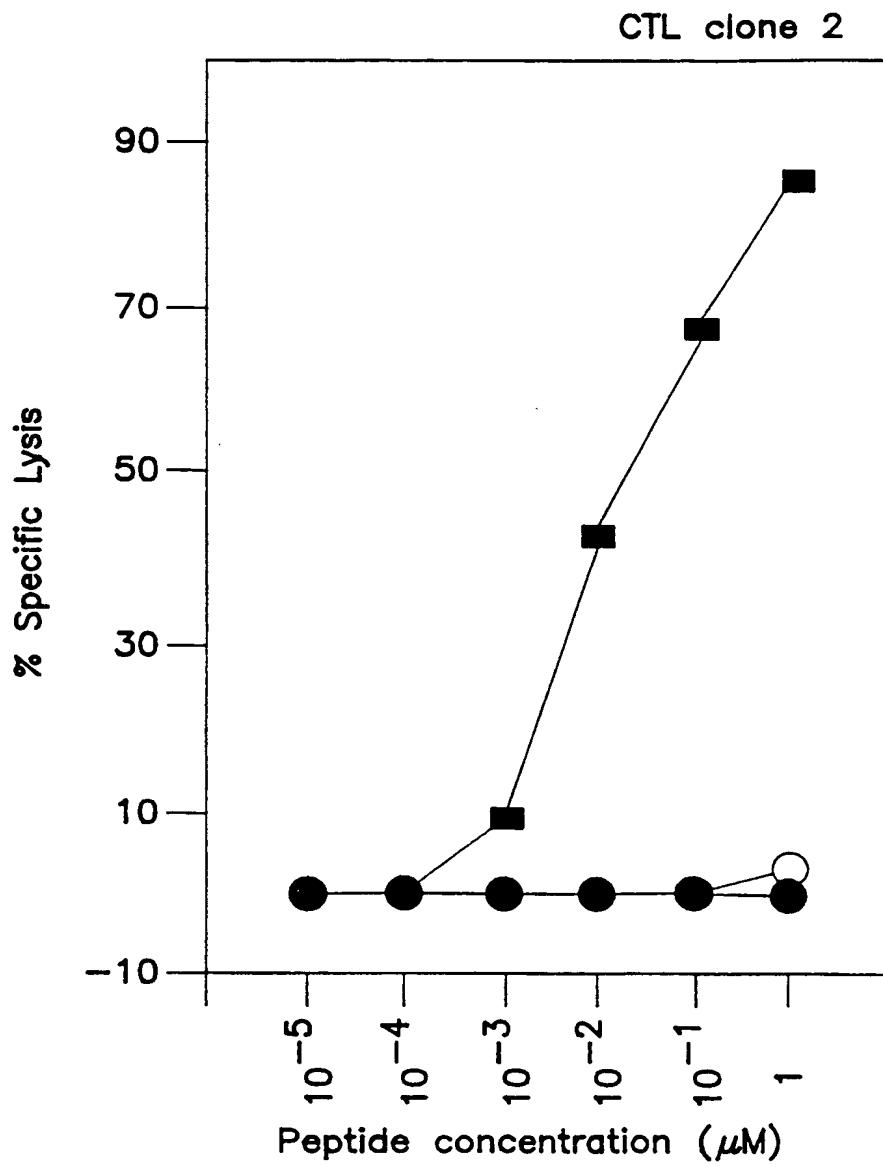


FIG. 7B

16 / 16

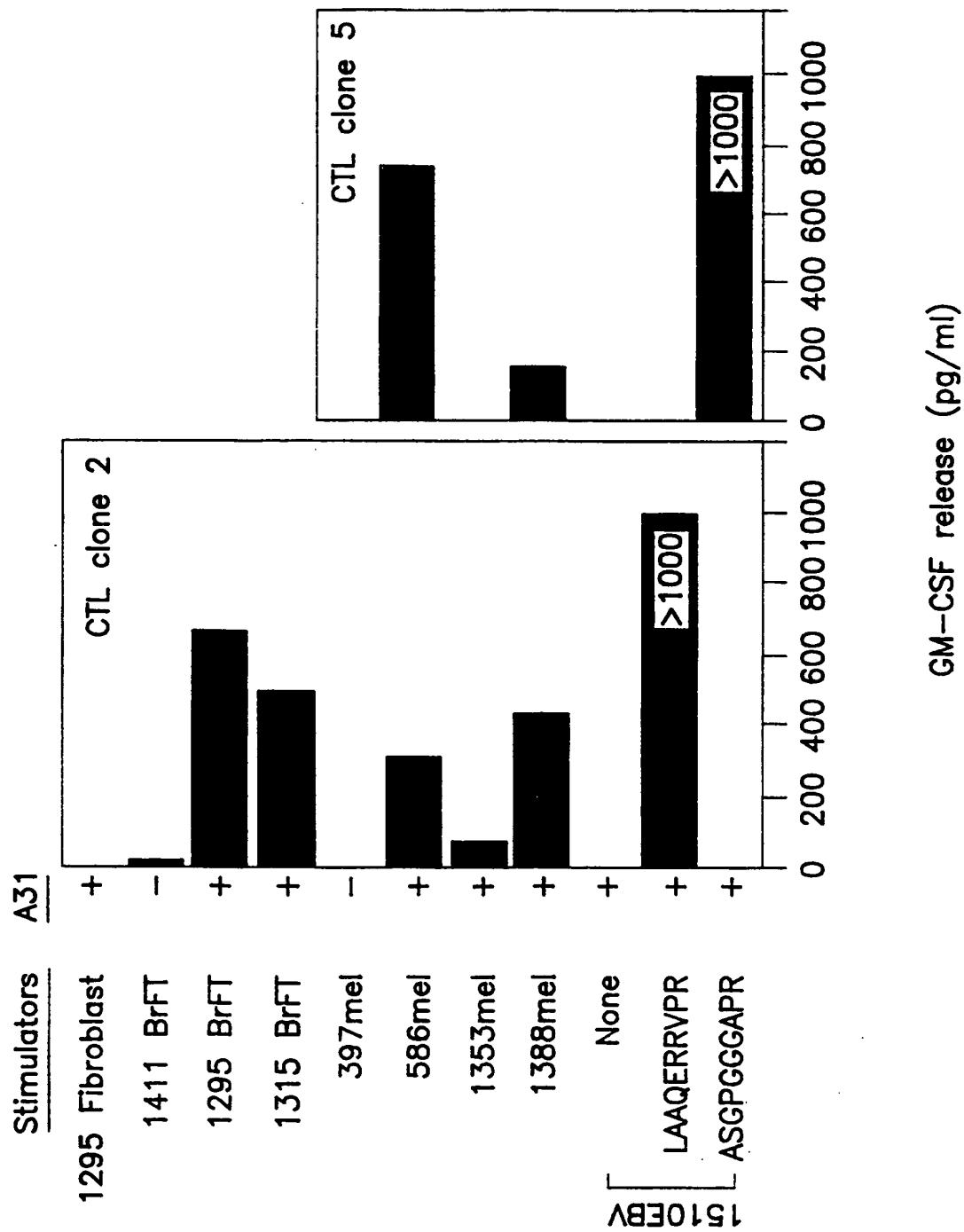


FIG. 7C